



11701 I-30 Bldg 1, Ste 115 - Little Rock, AR 72209
501-455-3233 Fax 501-455-6118

25 March 2011

Jim Fleer
Oxford Environmental & Safety, Inc
14348 Nieman Rd.
Overland Park, KS 66221

RE: Arkwood Monthly Sampling
SDG Number: 1103256

Enclosed are the results of analyses for samples received by the laboratory on 18-Mar-11 09:50. If you have any questions concerning this report, please feel free to contact me.

Sample Receipt Information:

Custody Seals	✓
Containers Correct	✓
COC/Labels Agree	✓
Preservation Confirmed	✓
Received On Ice	✓
Temperature on Receipt	4.0°C

Sincerely,

A handwritten signature in blue ink that reads "Norma James".

Norma James
President

25 March 2011

Jim Fleer
Oxford Environmental & Safety, Inc
14348 Nieman Rd.
Overland Park, KS 66221
Project: Arkwood Monthly Sampling



Date Received: 18-Mar-11 09:50

CASE NARRATIVE

SAMPLE DELIVERY GROUP : 1103256

SEMIVOLATILES:

The six compounds labeled (surr) on the attached final report are "surrogates." Recovery of surrogates is for lab use only to determine the effectiveness of the extraction procedure; surrogate recoveries are not analytical results. The six surrogate compounds are: 2,4,6-tribromophenol, 2-fluorobiphenyl, 2-fluorophenol, Nitrobenzene-d5, Phenol-d5, and Terphenyl-d14.

25 March 2011



Jim Fleer
Oxford Environmental & Safety, Inc
14348 Nieman Rd.
Overland Park, KS 66221
Project: Arkwood Monthly Sampling

Date Received: 18-Mar-11 09:50

ANALYTICAL RESULTS

Lab Number: 1103256-01
Sample Name: Mouth
Date/Time Collected: 3/17/11 12:10
Sample Matrix: Water

<u>Semivolatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Pentachlorophenol	ug/L	14.2		3/19/11 0:10	A103290	8270D
2,4,6-Tribromophenol [surr]	%	124		3/19/11 0:10	A103290	8270D
2-Fluorophenol [surr]	%	46.6		3/19/11 0:10	A103290	8270D
Phenol-d5 [surr]	%	29.7		3/19/11 0:10	A103290	8270D

ANALYTICAL RESULTS

Lab Number: 1103256-02
Sample Name: Weir
Date/Time Collected: 3/17/11 12:20
Sample Matrix: Water

<u>Semivolatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Pentachlorophenol	ug/L	< 5.00		3/18/11 23:24	A103290	8270D
2,4,6-Tribromophenol [surr]	%	85.4		3/18/11 23:24	A103290	8270D
2-Fluorophenol [surr]	%	34.8		3/18/11 23:24	A103290	8270D
Phenol-d5 [surr]	%	21.8		3/18/11 23:24	A103290	8270D

25 March 2011



Jim Fleer
Oxford Environmental & Safety, Inc
14348 Nieman Rd.
Overland Park, KS 66221
Project: Arkwood Monthly Sampling

Date Received: 18-Mar-11 09:50

QUALITY CONTROL RESULTS

Semivolatiles - Quality Control Analyzed: 18-Mar-11 20:18 By: TB

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch A103290 - 3550B: Modified

Blank (A103290-BLK1)

Prepared & Analyzed: 18-Mar-11

Pentachlorophenol	ND	5.00	ug/L							
Surrogate: 2,4,6-Tribromophenol	42.9		"	40.0		107	39.2-127			
Surrogate: 2-Fluorophenol	25.9		"	40.0		64.7	10.7-76.6			
Surrogate: Phenol-d5	21.0		"	40.0		52.4	13-62.4			

LCS (A103290-BS1)

Prepared & Analyzed: 18-Mar-11

Pentachlorophenol	32.5	5.00	ug/L	40.0		81.2	65.4-117			
Surrogate: 2,4,6-Tribromophenol	37.9		"	40.0		94.8	39.2-127			
Surrogate: 2-Fluorophenol	24.1		"	40.0		60.2	10.7-76.6			
Surrogate: Phenol-d5	20.1		"	40.0		50.1	13-62.4			

Matrix Spike (A103290-MS1)

Source: 1103256-02

Prepared & Analyzed: 18-Mar-11

Pentachlorophenol	30.4	5.00	ug/L	40.0	ND	76.0	49.6-126			
Surrogate: 2,4,6-Tribromophenol	31.7		"	40.0		79.2	39.2-127			
Surrogate: 2-Fluorophenol	14.9		"	40.0		37.3	10.7-76.6			
Surrogate: Phenol-d5	11.2		"	40.0		28.1	13-62.4			

Matrix Spike Dup (A103290-MSD1)

Source: 1103256-02

Prepared & Analyzed: 18-Mar-11

Pentachlorophenol	29.8	5.00	ug/L	40.0	ND	74.6	49.6-126	1.85	30	
Surrogate: 2,4,6-Tribromophenol	29.9		"	40.0		74.8	39.2-127			
Surrogate: 2-Fluorophenol	16.5		"	40.0		41.2	10.7-76.6			
Surrogate: Phenol-d5	12.1		"	40.0		30.3	13-62.4			

All Analysis performed according to EPA approved methodology when available:

SW 846, Revised December, 1996; EPA 600/4-79-020, Revised March, 1983; Standard Methods, 20th Edition.

Instrument calibration and quality control samples performed at or above frequency specified in analytical method.

A handwritten signature in blue ink, reading "Norma James", is positioned above the "Reviewed by:" line.

Reviewed by: _____

Norma James
President

Jim Floor
Oxford Environmental & Safety, Inc
14348 Nieman Rd.
Overland Park, KS 66221
Project: Arkwood Monthly Sampling

Date Received: 18-Mar-11 09:50

CHAIN OF CUSTODY FORM(S)



11701 Interstate 30, Bldg. 1, Ste. 115
Little Rock, AR 72209
PHONE: 501-455-3233
FAX: 501-455-6118

CHAIN OF CUSTODY RECORD

[illegible]